penta CHEMICALS UNLIMITED®

Specification

1,4-Dioxane

Chemical formula: $C_4H_8O_2$
Molar mass: 88,11 g/mol
CAS: 123-91-1
EINECS: 204-661-8

A.G. (12660)

Appearance	clear colourless liquid
Assay	min. 99,5 %
Water	max. 0,05 %
Residue after evaporation	max. 0,001 %
Free acids (as CH_3COOH)	max. 0,005 %
Melting point	11 - 12 °C
Boiling point	~ 100 - 102 °C
Density (20 °C)	1,034 g/cm3
Refractive index	1,422

pure (12650)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Residue after evaporation	max. 0,003 %
Free acids (as CH_3COOH)	max. 0,01 %
Melting point	11 - 12 °C
Density (20 °C)	1,033 g/cm3
Flash point	11 °C

Classification of the substance in accordance with Regulation (EC) No 1272/2008

Hazard statements: 225, 350, 319, 335
EUH statements: 019, 066
Precautionary statements: 201, 210, 261, 280, 305+351+338
Signal word: Danger

ADR/RID: 3 /F1 /II
UN 1165